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CANADA (CA)
  Patent (No, Kind, Date): CA 2266332 AA 19980402
    ANTIBODY AGAINST HUMAN PARATHORMONE RELATED PEPTIDES ANTICORPS CONTRE
      LES PEPTIDES LIES A LA PARATHORMONE HUMAINE (English; French)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
    Author (Inventor): WAKAHARA YUJI (JP); SATO KOH (JP); YABUTA NAOHIRO
      (JP)
    Priority (No, Kind, Date): JP 96255196 A
                                              19960926; JP 97214168 A
      19970724; WO 97JP3382 W
                                19970924
   Applic (No, Kind, Date): CA 2266332 A
                                           19970924
    IPC: * C12N-015/13; C07K-016/26; A61K-039/395; C07K-016/46
    Language of Document: English
CHINA (CN)
  Patent (No, Kind, Date): CN 1237983 A
                                         19991208
    ANTIBODY AGAINST HUMAN PARATHORMONE RELATED PEPTIDES (English)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
    Author (Inventor): KOU SATO (JP); YUJI WAKAHARA (JP); NAOHIRO YABUTA
     . (JP)
    Priority (No, Kind, Date): JP 96255196 A
                                              19960926; JP 97214168 A
      19970724
   Applic (No, Kind, Date): CN 97199722 A
                                            19970924
    IPC: * C07K-016/18; C07K-016/46; C12N-015/13; C12N-015/62; C12N-005/16
      ; C12P-021/02; C12P-021/08; A61K-039/395
    CA Abstract No: * 128(24)293971D
    Derwent WPI Acc No: * C 98-230640
   Language of Document: Chinese
 Patent (No, Kind, Date): CN 1817906 A 20060816
    Priority (No, Kind, Date): JP 96255196 A
   Applic (No, Kind, Date): CN 10044738 A
                                            19970924
    IPC: * C07K-0016/18; C07K-0016/26
    Language of Document: Chinese
CZECH REPUBLIC (CZ)
  Patent (No, Kind, Date): CZ 9901062 A3 19990811
   ANTIBODIES AGAINST PROTEIN RELATED TO HUMAN PARATHROIDAL HORMONE (Czech
      ; English)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
   Author (Inventor): SATO KOH (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
   Priority (No, Kind, Date): JP 96255196 A. 19960926; JP 97214168 A
      19970724; WO 97JP3382 W
                                19970924
   Applic (No, Kind, Date): CZ 991062 A
                                          19970924
    IPC: * C07K-016/18; C07K-016/46; C12N-015/13; C12N-015/62; C12N-005/16
      ; C12P-021/02; C12P-021/08; A61K-039/395; C12R-001-91
   CA Abstract No: * 128(24)293971D
    Derwent WPI Acc No: * C 98-230640
   Language of Document: Czech; Slovak
EUROPEAN PATENT OFFICE (EP)
  Patent (No, Kind, Date): EP 962467 Al 19991208
   ANTIBODY AGAINST HUMAN PARATHORMONE RELATED PEPTIDES ANTICORPS CONTRE
     LES PEPTIDES LIES A LA PARATHORMONE HUMAINE ANTIKORPER GEGEN
     MENSCHLICHES PARATHORMON VERWANDTEN PEPTIDE (English; French; German)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
   Author (Inventor): SATO KOU (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
      (JP)
   Priority (No, Kind, Date): WO 97JP3382 W
                                              19970924; JP 96255196 A
     19960926; JP 97214168 A
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Applic (No, Kind, Date): EP 97942194 A 19970924
    Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
      IE; IT; LI; LU; MC; NL; PT; SE
    IPC: * C07K-016/18; C07K-016/46; C12N-015/13; C12N-015/62; C12N-005/16
      ; C12P-021/02; C12P-021/08; A61K-039/395; C12R-001-91
    Language of Document: English
  Patent (No, Kind, Date): EP 962467 A4 20021030
    ANTIBODY AGAINST HUMAN PARATHORMONE RELATED PEPTIDES ANTICORPS CONTRE
      LES PEPTIDES LIES A LA PARATHORMONE HUMAINE ANTIKORPER GEGEN
      MENSCHLICHES PARATHORMON VERWANDTEN PEPTIDE (English; French; German)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
    Author (Inventor): SATO KOU CHUGAI (JP); WAKAHARA YUJI
      NAOHIRO (JP)
    Priority (No, Kind, Date): WO 97JP3382 W
                                              19970924; JP 96255196 A
      19960926; JP 97214168 A
                                19970724
   Applic (No, Kind, Date): EP 97942194 A
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      IE; IT; LI; LU; MC; NL; PT; SE
    IPC: * C07K-016/18; C07K-016/46; C12N-015/13; C12N-015/62; C12N-005/16
      ; C12P-021/02; C12P-021/08; A61K-039/395; C12R-001-91
    Language of Document: English
HUNGARY (HU)
  Patent (No, Kind, Date): HU 9904177 AB 20000328
   ANTIBODY AGAINST HUMAN PARATHORMONE RELATED PEPTIDES (English)
    Author (Inventor): SATO KOU (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
      (JP)
    Priority (No, Kind, Date): JP 96255196 A
                                              19960926; JP 97214168 A
     19970724; WO 97JP3382 W
                                19970924
   Applic (No, Kind, Date): HU 999904177 A 19970924
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      ; C12P-021/02; C12P-021/08; A61K-039/395
   Language of Document: Hungarian
ISRAEL (IL)
  Patent (No, Kind, Date): IL 129164 A0 20000217
   ANTIBODY AGAINST HUMAN PARATHORMONE RELATED PEPTIDES (English)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD
    Priority (No, Kind, Date): JP 96255196 A
                                              19960926; JP 97214168 A
      19970724; WO 97JP3382 W
                                19970924
   Applic (No, Kind, Date): IL 129164 A
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   IPC: * C12N
   CA Abstract No: * 128(24)293971D
   Derwent WPI Acc No: * C 98-230640
   Language of Document: English
JAPAN (JP)
  Patent (No, Kind, Date): JP 11092500 A2 19990406
   ANTIBODY TO HUMAN PARATHYROID HORMONE-RELATED PEPTIDE (English)
   Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD
   Author (Inventor): SATO ISAO; WAKAHARA YUJI; YABUTA HISAHIRO
    Priority (No, Kind, Date): JP 97258739 A
                                              19970924; JP 96255196 A
      19960926; JP 97214168 A
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   Applic (No, Kind, Date): JP 97258739 A
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   IPC: * C07K-016/46; A61K-039/395; C07H-021/04; C07K-016/18;
     C07K-016/26; C12N-001/21; C12N-005/10; C12N-015/02; C12N-015/09;
     C12P-021/08; A61K-038/00; C12R-001-19; C12R-001-91
   CA Abstract No: * 128(24)293971D
   Derwent WPI Acc No: * C 98-230640
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Language of Document: Japanese
  Patent (No, Kind, Date): JP 2003174893 A2 20030624
    ANTIBODY AGAINST HUMAN PARATHYROID HORMONE-RELATED PEPTIDE (English)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD
  . Author (Inventor): SATO ISAO; WAKAHARA YUJI; YABUTA HISAHIRO
    Priority (No, Kind, Date): JP 2002270738 A
                                                 20020917; JP 96255196 A
      19960926; JP 97214168 A
                                 19970724
    Applic (No, Kind, Date): JP 2002270738 A
                                               20020917
    IPC: * C12N-015/09; A61K-039/395; A61K-045/00; A61P-001/08;
      A61P-001/14; A61P-003/00; A61P-003/02; A61P-003/14; A61P-005/18;
      A61P-007/00; A61P-013/12; A61P-019/00; A61P-019/08; A61P-029/00;
      A61P-035/00; A61P-035/04; A61P-043/00; C07K-016/26; C12N-001/15;
      C12N-001/19; C12N-001/21; C12N-005/10; C12P-021/02; C12P-021/08
    Language of Document: Japanese
  Patent (No, Kind, Date): JP 3416035 B2
                                          20030616
                                               19970924; JP 96255196 A
    Priority (No, Kind, Date): JP 97258739 A
      19960926; JP 97214168 A
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    Applic (No, Kind, Date): JP 97258739 A
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    IPC: * C12N-015/09; A61K-039/395; A61P-035/00; C07K-016/18;
      C07K-016/26; C07K-016/46; C12N-001/21; C12N-005/10; C12P-021/08;
      C12R-001-19; C12R-001-91
    CA Abstract No: * 128(24)293971D
    Derwent WPI Acc No: * C 98-230640
    Language of Document: Japanese
KOREA, REPUBLIC (KR)
  Patent (No, Kind, Date): KR 2000048691 A
                                             20000725
    ANTIBODY AGAINST HUMAN PARATHORMONE RELATED PEPTIDES (English)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD
    Author (Inventor): SATO KOU (KR); WAKAHARA YUJI
                                                      (KR); YABUTA NAOHIRO
      (KR)
    Priority (No, Kind, Date): JP 96255196 A
                                               19960926
    Applic (No, Kind, Date): KR 99702643 T
    IPC: * C07K-016/18
    CA Abstract No: * 128(24)293971D
    Derwent WPI Acc No: * C 98-230640
    Language of Document: Korean
  Patent (No, Kind, Date): KR 2006006981 A
                                             20060120
    ANTIBODY AGAINST HUMAN PARATHORMONE RELATED PEPTIDES (English)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
    Author (Inventor): SATO KOH (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
      (JP)
    Priority (No, Kind, Date): JP 96255196 A
                                               19960926; JP 97214168 A
      19970724
    Applic (No, Kind, Date): KR 25394 A 20051230
    IPC: * C07K-0016/18; A61K-0038/00; C12N-0015/13; C12N-0015/63;
      C12P-0021/08; C07K-0016/26
   Language of Document: Korean
NORWAY (NO)
  Patent (No, Kind, Date): NO 9901449 A
                                         19990525
   ANTISTOFF MOT HUMAN PARATHORMON-RELATERTE PEPTIDER (Norwegian)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
   Author (Inventor): SATO KOH (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
      (JP)
    Priority (No, Kind, Date): JP 96255196 A
                                              19960926; JP 97214168 A
      19970724; WO 97JP3382 W
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   Applic (No, Kind, Date): NO 991449 A
   IPC: * C07K
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CA Abstract No: * 128(24)293971D
    Derwent WPI Acc No: * C 98-230640
    Language of Document: Norwegian
  Patent (No, Kind, Date): NO 9901449 AO 19990325
    ANTISTOFF MOT HUMAN PARATHORMON-RELATERTE PEPTIDER (Norwegian)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
    Author (Inventor): SATO KOH (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
      (JP)
    Priority (No, Kind, Date): JP 96255196 A
                                              19960926; JP 97214168 A
      19970724; WO 97JP3382 W
                                19970924
    Applic (No, Kind, Date): NO 991449 A
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    IPC: * CO7K
    CA Abstract No: * 128(24)293971D
    Derwent WPI Acc No: * C 98-230640
    Language of Document: Norwegian
POLAND (PL)
  Patent (No, Kind, Date): PL 332460 A1 19990913
    ANTIBODIES AGAINST HUMAN PROTEIN BEING AFFILIATED TO PARATHYROID
      HORMONE (English)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
    Author (Inventor): SATO KOH (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
      (JP)
    Priority (No, Kind, Date): WO 97JP3382 W
                                              19970924; JP 96255196 A
      19960926; JP 97214168 A
                                19970724
    Applic (No, Kind, Date): PL 332460 A
                                          19970924
    IPC: * C07K-016/26; C07K-016/46; C12N-015/13; C12P-021/08
    Language of Document: Polish
  Patent (No, Kind, Date): PL 190351 B1 20051130
   ANTIBODIES AGAINST HUMAN PROTEIN BEING AFFILIATED TO PARATHYROID
      HORMONE (English)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
   Author (Inventor): SATO KOH (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
      (JP)
    Priority (No, Kind, Date): WO 97JP3382 W
                                              19970924; JP 96255196 A
      19960926; JP 97214168 A
                                19970724
   Applic (No, Kind, Date): PL 332460 A
                                          19970924
    IPC: * C07K-016/18; A61K-039/395; C07K-016/46; C12N-005/16;
      C12N-015/13; C12N-015/62; C12P-021/02; C12P-021/08
   Language of Document: Polish
RUSSIA (RU)
  Patent (No, Kind, Date): RU 2198220 C2 20030210
   ANTIBODY RAISED AGAINST PROTEIN RELATIVE TO HUMAN PARATHYROID HORMONE,
      DNA-VECTOR, METHOD OF PREPARING AND ANTIBODY USING (English)
    Patent Assignee: CHUGAI SEJJAKU KK (JP)
   Author (Inventor): SATO KOKH (JP); VAKAKHARA JUDZI (JP); JABUTA
      NAOKHIRO
               (JP)
   Priority (No, Kind, Date): JP 96255196 A
                                              19960926; JP 97214168 A
      19970724
   Applic (No, Kind, Date): RU 99108713 A
                                            19970924
   IPC: * C12P-021/02; C12P-021/08; C07K-016/26; C12N-015/13; C12N-015/62
      ; A61K-039/395
   CA Abstract No: * 128(24)293971D
   Derwent WPI Acc No: * C 98-230640
   Language of Document: Russian
SLOVAKIA (SK)
 Patent (No, Kind, Date): SK 9900405 A3 20000612
   ANTIBODY AGAINST HUMAN PARATHORMONE RELATED PEPTIDES (English)
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Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
    Author (Inventor): SATO KOH (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
      (JP)
    Priority (No, Kind, Date): JP 96255196 A
                                            19960926; JP 97214168 A
      19970724; WO 97JP3382 W
                                19970924
    Applic (No, Kind, Date): SK 99405 A
                                         19970924
    IPC: * C07K-016/18; C07K-016/46; C12N-015/13; C12N-015/62; C12N-005/16
      ; C12P-021/02; C12P-021/08; A61K-039/395; C12R-001-91
    CA Abstract No: * 128(24)293971D
    Derwent WPI Acc No: * C 98-230640
    Language of Document: Slovak
TURKEY (TR)
  Patent (No, Kind, Date): TR 9900666 T2 19990621
    Insan paratormonu ile ilgili peptidlere karsi antikor. (Turkish)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
    Author (Inventor): KOH SATO (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
    Priority (No, Kind, Date): JP 96255196 A
                                              19960926; JP 97214168 A
      19970724
   Applic (No, Kind, Date): TR 9900666 A
                                           19970924
    IPC: * C07K-016/18
    Language of Document: Turkish
TAIWAN (TW)
  Patent (No, Kind, Date): TW 509697 B
                                        20021111
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP)
    Author (Inventor): SATO KOU (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
      (JP)
    Priority (No, Kind, Date): JP 96255196 A
                                              19960926; JP 97214168 A
      19970724
   Applic (No, Kind, Date): TW 86113961 A 19970925
    IPC: * C07K-016/26; C12P-021/08; C12N-015/12; C12N-015/63; C12N-005/10
UNITED STATES OF AMERICA (US)
  Patent (No, Kind, Date): US 20050136057 AA 20050623
   Antibodies against human parathyroid hormone related protein (English)
    Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD
   Author (Inventor): SATO KOH (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
      (JP)
   Priority (No, Kind, Date): US 47996 A 20050202; JP 96255196 A
     19960926; JP 97214168 A 19970724; WO 97JP3382 W
     269332 A3 19990325
   Applic (No, Kind, Date): US 47996 A
                                         20050202
   National Class: * 424145100; 530388240
   IPC: * A61K-039/395; C07K-016/26
   Language of Document: English
 Patent (No, Kind, Date): US 6903194 BA 20050607
   Antibody against human parathormone related peptides (English)
   Patent Assignee: CHUNGAI SEIYAKU KABUSHIKI KAIS (JP)
   Author (Inventor): SATO KOH (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO
      (JP)
   Priority (No, Kind, Date): JP 96255196 A
                                              19960926; JP 97214168 A
     19970724; WO 97JP3382 W
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   Applic (No, Kind, Date): US 269332 A
                                          19990325
   National Class: * 530387100; 424130100; 424178100
   IPC: * C07K-001/10; A61K-039/395
   Derwent WPI Acc No: ; C 98-230640
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Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO) Patent (No, Kind, Date): WO 9813388 Al 19980402 ANTIBODY AGAINST HUMAN PARATHORMONE RELATED PEPTIDES ANTICORPS CONTRE LES PEPTIDES LIES A LA PARATHORMONE HUMAINE (English) Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD (JP); SATO KOU WAKAHARA YUJI (JP); YABUTA NAOHIRO (JP) Author (Inventor): SATO KOU (JP); WAKAHARA YUJI (JP); YABUTA NAOHIRO Priority (No, Kind, Date): JP 96255196 A 19960926; JP 97214168 A 19970724 Applic (No, Kind, Date): WO 97JP3382 A 19970924 Designated States: (National) AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; HU; ID; IL; IS; KE; KG; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM (Regional) GH; KE; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; DE; DK; ES; FI ; FR; GB; GR; IE; IT; LU; MC; NL; PT Filing Details: WO 100000 With international search report IPC: * C07K-016/18; C07K-016/46; C12N-015/13; C12N-015/62; C12N-005/16 ; C12P-021/02; C12P-021/08; A61K-039/395; C12R-001-91

SOUTH AFRICA (ZA)

Patent (No, Kind, Date): ZA 9708590 A 19980326

Antibodies against human parathyroid hormone related peptide. (English)

Patent Assignee: CHUGAI PHARMACEUTICAL CO LTD

Author (Inventor): SATO KOH; WAKAHARA YUJI; YABUTA NAOHIRO

Priority (No,Kind,Date): JP 96255196 A 19960926 Applic (No,Kind,Date): ZA 978590 A 19970925

IPC: * C07K

Language of Document: English

Language of Document: Japanese

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\Box 2. 2/34/2 (Item 1 from file: 351)

0008691260

WPI Acc no: 1998-230640/ 19 9820

New chimeric antibodies against human parathormone related peptide(s) - useful for, e. hypercalcaemia and other disorders caused by malignant neoplasm(s)

Patent Assignee: CHUGAI PHARM CO LTD (CHUS); CHUGAI SEIYAKU KK (CHUS)

Inventor: SATO I; SATO K; WAKAHARA Y; YABUTA H; YABUTA N

Patent Family (23 patents, 79 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1998013388	A1	19980402	WO 1997JP3382	Α	19970924	199820	В
ZA 199708590	Α	19980527	ZA 19978590	Α	19970925	199827	E
AU 199743972	Α	19980417	AU 199743972	A	19970924	199834	E
JP 11092500	Α	19990406	JP 1997258739.	A	19970924	199924	Е

NO 199901449	Α	19990525	WO 1997JP3382	Α	19970924	199930	E
			NO 19991449	Α	19990325		
CZ 199901062	A3	19990811	WO 1997JP3382	A	19970924	199937	Е
			CZ 19991062	A	19970924		
EP 962467	A1	19991208	EP 1997942194	A	19970924	200002	Ε.
			WO 1997JP3382	Α	19970924		
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HU 199904177	A2	20000328	WO 1997JP3382	A	19970924	200025	Е
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SK 199900405	A3	20000612	WO 1997JP3382	A	19970924	200036	E
			SK 1999405	A	19970924		
BR 199713294	A	20001017	BR 199713294	A	19970924	200056	E
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KR 2000048691	A	20000725	WO 1997JP3382	A	19970924	200116	E
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			RU 1999108713	Α	19970924		
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CN 1817906	A	20060816	CN 200410044738	A	19970924	200678	E

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Alerting Abstract WO A1

New antibodies specific for a human parathormone related peptides (hPTRP), comprise chim Also claimed are: (1) DNA encoding the antibody or its parts, and (2) vectors comprising the USE - The host cells can be used to produce the antibodies (claimed). The antibodies may be lung, throat, larynx, tongue, gum, oesophagus, stomach, liver, breast, kidney, bladder, womb hypophosphaemia such as that due to pathogens or to vitamin D resistance.

Class Codes

International Patent Classification

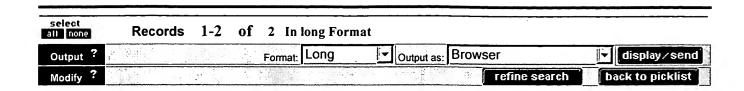
IPC	Class ·Level	Scope	Position	Status	Version Date
C07K-016/26; C12N-015/18; C07K			Main		"Version 7"
C12N-015/12; A61K-039/395; C12N-015/63; C12N-005/10; C12P-021/08			Secondary		"Version 7"
A61K-0038/00	Α	I	L	R	20060101
A61K-0038/00	A	N		R	20060101
A61K-0039/395	Α	I	L	R	20060101
A61K-0039/395	Α	I		R	20060101
A61K-0045/00	Α	I	L	R	20060101
A61P-0001/08	A	I	L	R	20060101
A61P-0001/14	Α	I	L	Ŕ	20060101
A61P-0013/12	A	I	L	R	20060101
A61P-0019/00	Α	I	L	R	20060101
A61P-0019/08	Α	I	L	R	20060101
A61P-0029/00	Α	I	L	R	20060101
A61P-0003/00	Α	I	L	R	20060101
A61P-0003/02	Α	I	L	R	20060101
A61P-0003/14	Α	I	L	R	20060101
A61P-0035/00	A	I	L	R	20060101
A61P-0035/04	Α	I	L	R	20060101
A61P-0043/00	Α	I	L	R	20060101
A61P-0005/18	Α	I	L ·	R	20060101
A61P-0007/00	A	I	L	R	20060101

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C07K-0016/46	A	I	L	R	20060101
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C12N-0001/15	A	I	L	R	20060101
C12N-0001/19	A	I	L	R	20060101
C12N-0001/21	A	I	L	R	20060101
C12N-0015/02	A	I	F	R	20060101
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C12N-0015/62	A	I		R	20060101
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A61P-0005/00	С	I	L		20060101
C07K-0016/18	С	I	F		20060101

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